

# **Mitigation Subcommittee Report to the Steering Committee**

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## **The Subcommittee Activities Matrix and Program Gaps – How Far Have We Come in 5 Years?**

The Activities Matrix is a framework to track progress of the Strategic Implementation Plan. States are to be commended on meeting many of the Plan goals over the past 5 years. There are three gaps in products for the Education Element: tsunami mitigation cost/benefit information, library-type materials inventory, and training materials. All other items under this element have been addressed by all or most states. Most or all of the states have addressed Tools for Emergency Managers. However, Guides for Unmapped Communities has not been addressed by all and is important as the demand for maps increases with inadequate funds. Huge gaps existed for the Building and Land Use Guidance Element, some of which are addressed with the Mintier project. Infrastructure Guides remain important but sparse. Information Exchange and Coordination items are well addressed by states, however, we know that a resource catalog of the many state products and activities is sorely needed. The last planning element, Long-Term Tsunami Mitigation, shows some items well-addressed by most or all states with the exception of a post-tsunami recovery guide, loss estimation, and tsunami legislation.

## **Where Do We Want To Be At The End Of The Next 5 Years?**

***Goal: Reduce the loss of life and property.***

The Subcommittee's desired impact at the end of the next 5 years is to have the maximum capability to do the following before and during the next tsunami event:

1. Have built a local capability to save the maximum number of lives and property
2. Use NTHMP expertise to assist tsunami response
3. Have the products to play a major role in recovery and rebuilding of communities so that they are more tsunami resistant because we know that the next tsunami event is a unique window of opportunity to put real, hard-core mitigation into place in addition to all the education, awareness and improved warning system activities that NTHMP has been

involved in.

To be at this place in 5 years we need to spend those 5 years accomplishing the following:

1. Maintain State Programs at \$50,000 per year per state
2. Maintain ongoing Multi-State Activities at \$50,000 per year (TsuInfo Alert and reprints of selected publication)
3. Re-evaluate the Strategic Plan by:
  - Using 2001 Survey including 2001 needs of local survey communities
  - Revisiting existing gaps
  - Using new information from lessons learned with various activities (i.e. worth continuing or not, tweaking, etc).

The activities that need to be funded in order to accomplish this include:

- 2 workshops similar to the recent warning workshop for locals
- Reconstruction Manual (a gap) using case studies (eg. Hilo)), and participating in 2003 EERI US-Japan Earthquake Workshop in Hawaii
- Pre-disaster mitigation tools to reduce hazards and vulnerability (eg. Use Applied Technology Council to ultimately put useful information into the Coastal Construction Manual to address tsunami forces in areas also vulnerable to strong ground motion. This will be at least a 3-year project)
- Re-evaluation projects and activities, i.e. new and value-added projects

Cost over 5 years for Mitigation Subcommittee activities to continue:

2 workshops	\$130,000		
Reconstruction Manual	\$70,000		
ATC project	\$230,000		
New/adjusted projects	\$70,000		
Multi-state maintenance	\$250,000		
State program maintenance	\$1,250,000	Total over 5 Years	\$2,000,000

The Mitigation allocation is essential in that it allows engagement of communities. \$2,000,000 over 5 years is seed money compared to the need. Seed money is

the incentive for states and locals to do things they would not be able to do alone. The funds give leverage to obtain state and local matches and develop partnerships. In the last 5 years, the total state and local match is approximately \$2,745,100. Seed money provided by NTHMP during that time was \$1,775,000.